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(54) WATER-CONTAINING POWDER OF GRANULE AND PRODUCTION THEREOF

(57)Abstract:

PURPOSE: Water-containing powder or granule suitable as reaction agent, gas absorbent, etc., capable of containing a large amount of water, consisting of powder or granule comprising water-insoluble or slightly water-soluble particles as a main component and water-absorbing, swelling high polymer particles.

CONSTITUTION: 100pts.wt. powder or granule (e.g. silica, alumina, etc.) which comprises water-soluble or slightly water-soluble particles as a main component and has 10 $\mu$ mW5mm particle diameter is blended with 5W50pts.wt. water- absorbing, swelling high polymer particles, mixed with water while stirring to give water-containing powder or granule comprising composite particles wherein the above-mentioned high polymer particles are bonded to the powder or granule particles in a state wherein the high polymer particles are a swollen material having absorbed water.

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